

Title (en)

Method and device for filtering with FIR filters

Title (de)

Verfahren und Vorrichtung zur Signalfilterung mit FIR-Filtern

Title (fr)

Procédé et dispositif de filtrage avec des filtres FIR

Publication

**EP 2230806 B1 20111123 (EN)**

Application

**EP 09155634 A 20090319**

Priority

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Abstract (en)

[origin: EP2230806A1] It is proposed a method and device for implementing finite impulse response filters, called FIR filters where filtering is applied on finite sets of samples. This method deals more accurately with the transient mode computation. It is based on a variable width of the filter used to compute the transient mode. Moreover the proposed solution is easy to implement using only  $L + 1$  real or complex multipliers for the stationary mode as well as the transient mode.

IPC 8 full level

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